

### REMARKS

Claims 1, 2 and 7-9 stand rejected under 35 U.S.C § 112, first paragraph, as failing to comply with the enablement requirement. The Examiner believes the claims contain subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. Specifically, the Examiner states that Applicants' specification describes the properties of cells obtained using the claimed steps on muscle tissue, but the working examples include no characterization of cells obtained from adipose tissue.

In response to this rejection, Applicants have prepared experimental data that evidences the differentiating abilities of human fat stem cells and human muscle stem cells of the invention. Such is filed in combination with Applicants disclosure of obtaining human fat stem cells from adipose tissue (see "Isolation of hFSC" at pages 8-9 of Applicants' specification).

Favorable examination on the merits is requested.

Respectfully submitted,



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